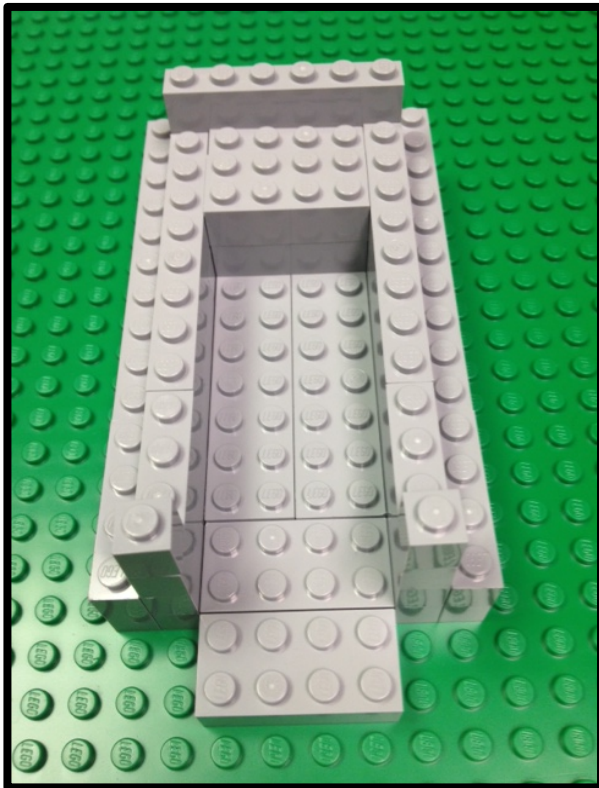


BRICK BY BRICK:

LEGO® SHIPBUILDING

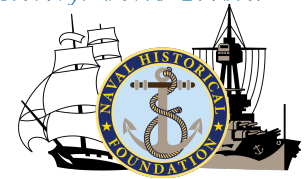
LEVEL: EASY (LCVP "HIGGINS BOAT")



A Note on Dimension:

The instructions included for this ship model represent a new educational initiative by the Hampton Roads Naval Museum and the Naval Historical Foundation in order to promote STEM principles under the lens of naval history. When properly assembled, each graph (or Step) represents a layer of bricks built to resemble a design of a specific ship used in American naval history. Colors represent each specific layer of the vessel, from the keel to the top masts. Please note that the sizes and shapes represented in these instructions are squared. However, they are not to scale with LEGO brick sizes. They merely show the graphical placement locations of brick layers.

GRAY BRICKS ARE REQUIRED FOR THIS MODEL.



BRICK SUPPLY LIST

BRICKS	GRAY
1x1	2
1x2	2
1x4	10
1x6	4
1x8	6
1x10	4
2x4	7
2x8	2

TOTAL BRICKS: 37

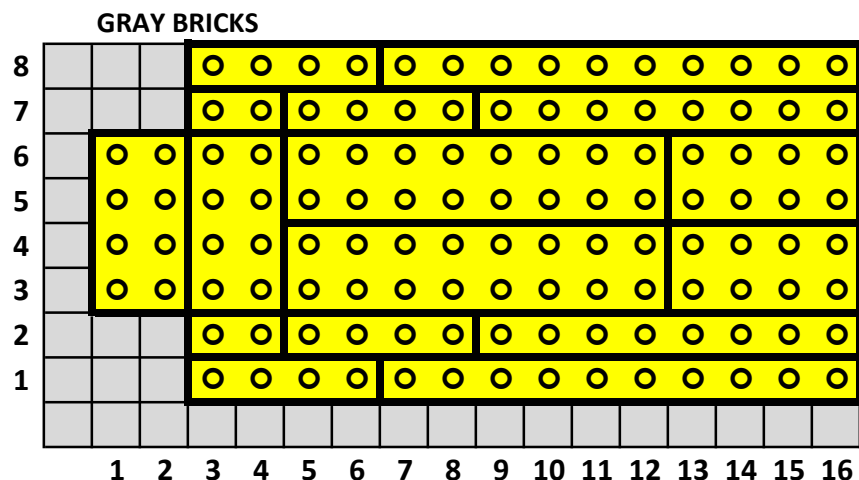
Ship Models included in this program are built with LEGO® bricks. LEGO® is a trademark of the LEGO Group of companies which does not sponsor, authorize, or endorse this program.

LCVP "Higgins" Model



Instructions: Follow each step and layer the color-coded bricks on your building grid. Subsequent steps are layered on top of previous layers.

Step 1: Lay down the first layer (shown in Yellow)

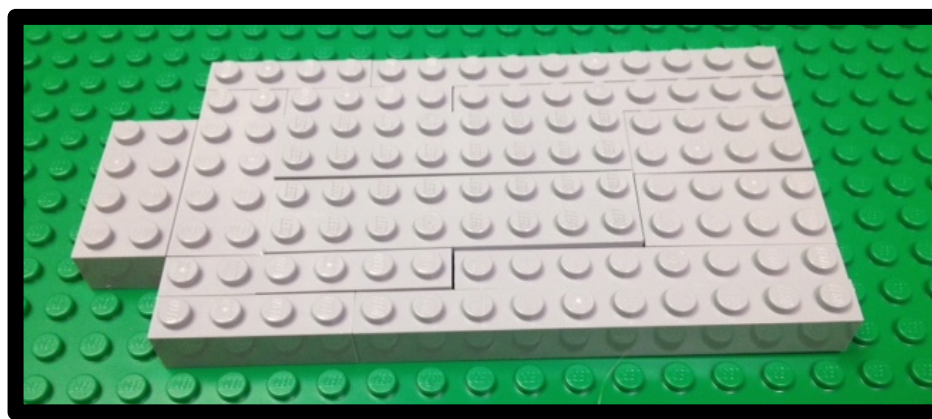


For this step, you will need:

BRICKS	GRAY
1x2	2
1x4	4
1x8	2
1x10	2
2x4	2
2x8	4

TOTALS 16

STEP 1: VISUAL REPRESENTATION (Shown in GRAY)

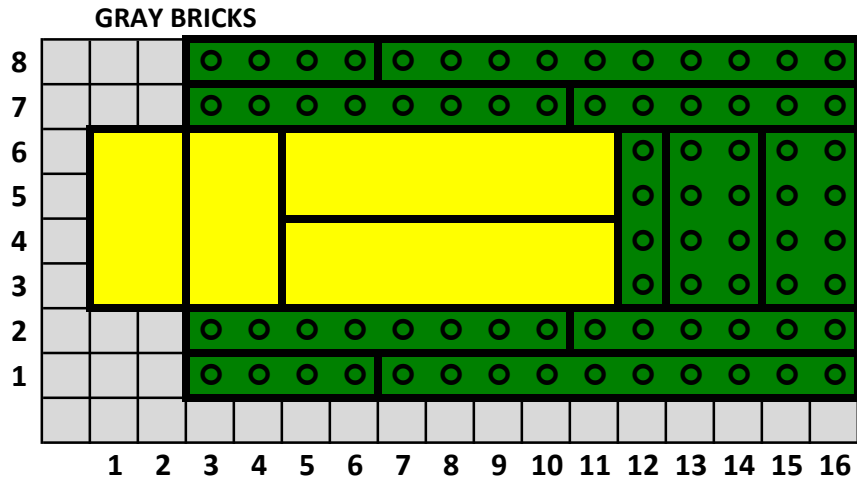


Above image represents actual brick color.

LCVP "Higgins" Model



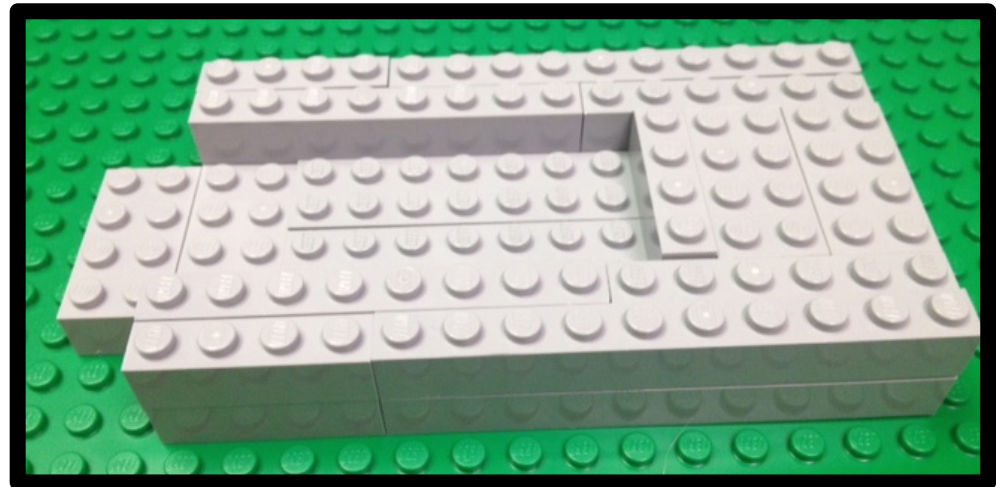
Step 2: Lay down the second layer (shown in Green)



For this step, you will need:

BRICKS	GRAY
1x4	3
1x6	2
1x8	2
1x10	2
2x4	2
TOTALS	11

STEP 2: VISUAL REPRESENTATION (Shown in GRAY)

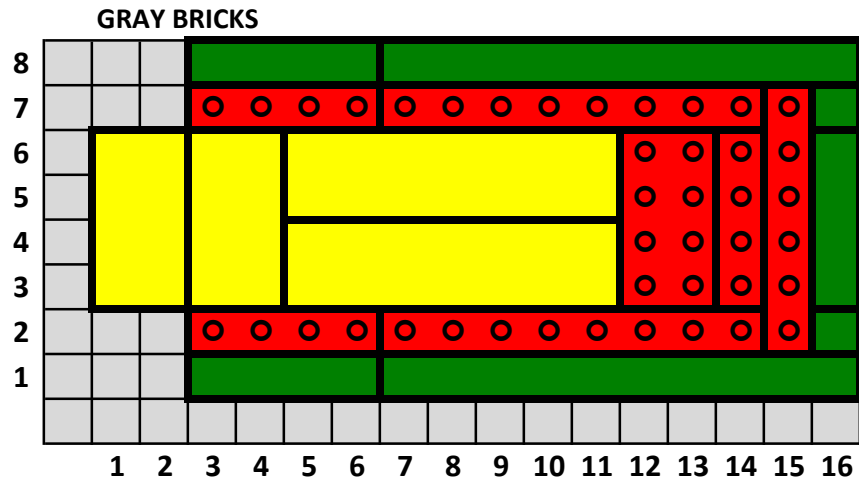


Above image represents actual brick color.

LCVP "Higgins" Model



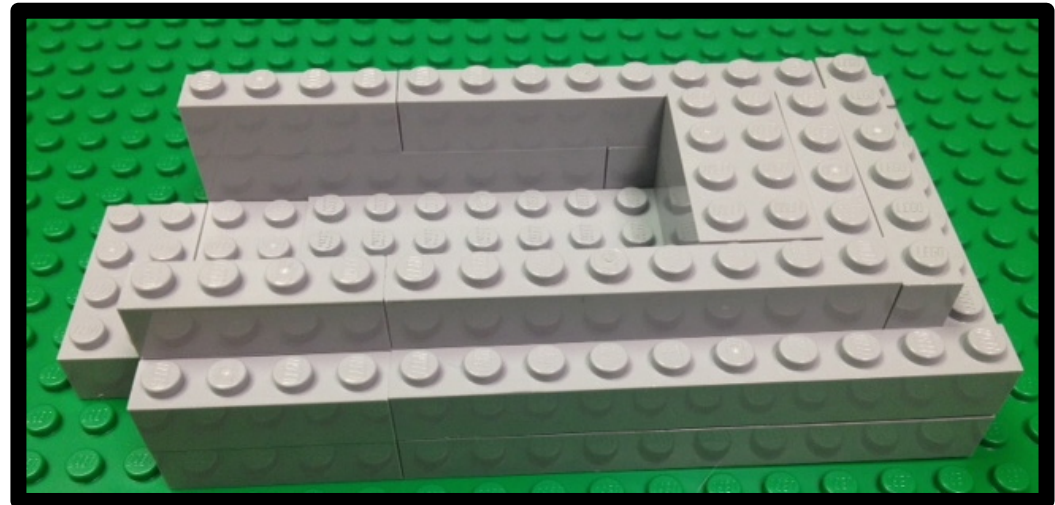
Step 3: Lay down the third layer (shown in Red)



For this step, you will need:

BRICKS	GRAY
1x4	3
1x6	1
1x8	2
2x4	1
TOTALS	7

STEP 3: VISUAL REPRESENTATION (Shown in GRAY)

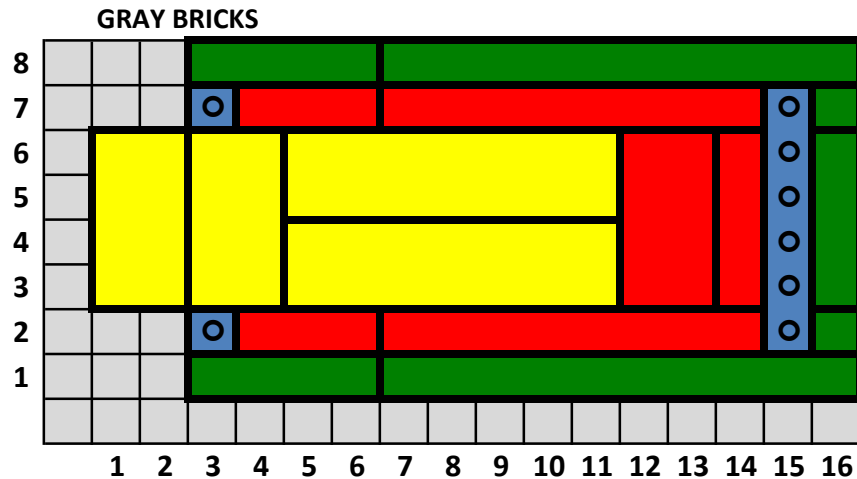


Above image represents actual brick color.

LCVP "Higgins" Model



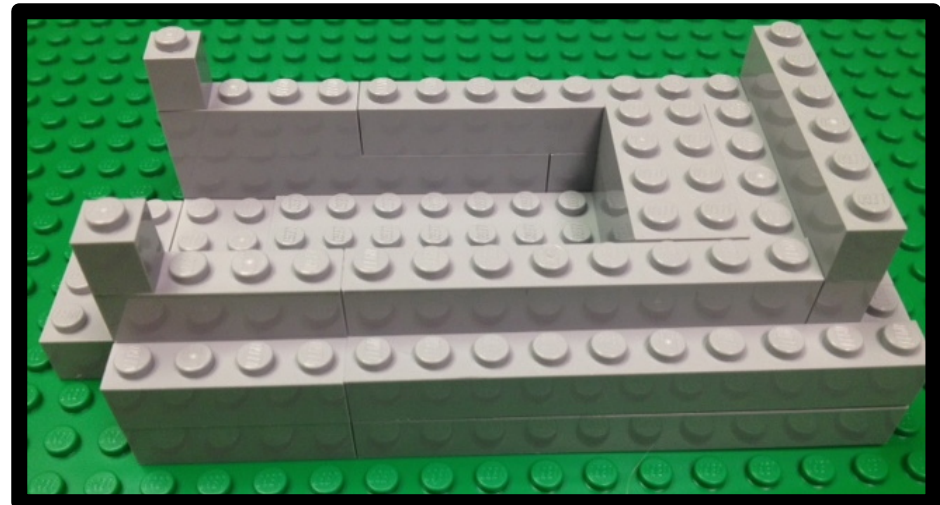
Step 4: Lay down the fourth layer (shown in Blue)



For this step, you will need:

BRICKS	GRAY
1x1	2
1x6	1
TOTALS	3

STEP 4: VISUAL REPRESENTATION (Shown in GRAY)



Above image represents actual brick color.